

## ABSTRACT OF THE DISCLOSURE

An optical transmission module comprising at least a photoelectric element, a printed circuit board and a flexible printed circuit board is provided. The flexible printed circuit board electrically connects the photoelectrical elements and the printed circuit board. At least a ground plane is formed on the flexible printed circuit board to reduce crosstalk and electromagnetic interference. Transmission lines and impedance formed on the flexible printed circuit board solve the problems of signal distortion and impedance mismatch. The flexible printed circuit board also serves as a flexible interface to solve prior problems of connection stress between the photoelectric element and the printed circuit board.